

1 Claims.

I claim:

3 1. A trap comprising:

a trap body,

5 the body including a bottom member, a top member, a front member and a back member, a wall joining the members;

7 the front member comprising a top, a notch, the notch being at the front member top, the front member further comprising an opening therethrough, the opening being closed by a trap door;

9 the top member having at least one aperture therethrough, the first aperture being proximate to the notch, and a second aperture being positioned towards the back member;

13 the trap door being slidably retained between the front member and the body by a spacer;

15 a bait holder

the bait holder being pivotably attached to the top member and extending within the body; and

17 a trip mechanism, including a means for supporting the trap door, the trip mechanism in communication with the bait holder.

21 2. The trap as described in claim 1, wherein the front member further comprises a support bar, the support bar positioned between the trap door and the body.

23 3. The trap as described in claim 2, wherein the wall further comprises a slot, the slot proximate the front member, the slot being sized to receive and receiving the support bar therein.

27 4. The trap as described in claim 3, wherein the trap door includes an elongated slot therethrough.

- 1     5. The trap as described in claim 4, wherein the trap door slot  
further comprises arcuate ends.
- 3     6. The trap as described in claim 5, wherein the arcuate ends are  
of different sizes.
- 5     7. The trap as described in claim 6, wherein the trip mechanism  
further comprises a rod.
- 7     8. The trap as described in claim 7, wherein the trip mechanism  
further includes a prop attached to the rod, the prop being sized  
9     to fit within the notch.
- 11    9. The trap as described in claim 8, wherein the trip mechanism  
further includes a weighted portion.
- 13    10. The trap as described in claim 9, wherein the bait holder  
further comprises a pair of support brackets, the support brackets  
15    attached to the top member on opposite sides of the second  
aperture, and the bait holder further comprises a boss, the boss  
17    being pivotably retained between the support brackets by a pivot  
pin received therethrough.
- 19    11. The trap as described in claim 10, wherein the bait holder  
further comprises a back member, a trip mechanism receiving means  
21    positioned on the back member and near the boss, and a second pivot  
pin, the trip mechanism receiving means further comprising a pair  
23    of walls, each wall having an opening therethrough, the trip  
mechanism receiving means receiving an end of the trip mechanism,  
25    and the second pivot pin pivotably retaining the trip mechanism  
between the walls.
- 27    12. The trap as described in claim 11, wherein the bait holder  
further comprises a bait chamber, the bait chamber further  
comprising a front member, a back member and a pair of side

1 members, the bait chamber being open at its top.

3 13. The trap as described in claim 12, wherein the bait chamber  
front member further comprises an opening therethrough.

5 14. The trap as described in claim 13, wherein the trap further  
comprises a means for retaining the trip means, and wherein the  
7 means for retaining the trip means is a loop attached to the trap  
body top member, between the bait chamber and the trap door.

9 15. The trap as described in claim 14, wherein the front member  
further comprises a second notch, the second notch being contiguous  
with the opening.

11 16. The trap as described in claim 15, wherein the trap door  
further comprises a lift knob.

13 17. The trap as described in claim 16, wherein the trip mechanism  
is received through the elongated slot.

15 18. The trap as described in claim 17, wherein the trap is  
manufactured from one or more materials selected from the group  
17 consisting of plastic, metal, steel, stainless steel, wire and mesh  
and combinations thereof.

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1 19. A trap comprising:

a trap body,

3 the body including a bottom member, a top member, a front  
member and a back member, a wall joining the members;

5 the front member comprising a top, a notch, the notch being at  
the front member top, the front member further comprising an  
7 opening therethrough, the opening being closed by a trap door;

the top member having at least one aperture therethrough, the  
9 first aperture being proximate to the notch, and a second aperture  
being positioned towards the back member;

11 the trap door being slidably retained between the front member  
and the body by a spacer, the trap door further including an  
13 elongated slot therethrough;

15 a bait holder comprising:

a pair of support brackets, the support brackets attached  
17 to the top member on opposite sides of the second  
aperture;

19 a boss, the boss being pivotably retained between the  
support brackets by a pivot pin received therethrough;

21 a back member including a trip mechanism receiving means  
near the boss, and a second pivot pin, the trip mechanism  
23 receiving means further comprising a pair of walls, each  
wall having an opening therethrough;

25 the bait holder being pivotably attached to the top  
member and extending within the body; and

27 a trip mechanism, comprising a rod having a first end received  
in the trip mechanism receiving means, the second pivot pin  
29 pivotably retaining the trip mechanism between the walls; the trip

1 mechanism further comprising a prop, the prop attached to the rod,  
the prop being sized to fit within the notch and thereby  
3 supporting the trap door, and the rod second end being received  
through the elongated slot.

5 20. The trap as described in claim 19, wherein the front member  
further comprises a support bar, the support bar positioned between  
7 the trap door and the body;

21. The trap as described in claim 20, wherein the wall further  
9 comprises a slot, the slot proximate the front member, the slot  
being sized to receive and receiving the support bar therein;

11 22. The trap as described in claim 21, wherein the trap door  
further comprises a lift knob.

13 23. The trap as described in claim 22, further comprising a means  
for retaining the trip means, and wherein the means for retaining  
15 the trip means is a loop attached to the trap body top member,  
between the bait chamber and the trap door.

17 24. The trap as described in claim 23, wherein the bait holder  
further comprises a bait chamber, the bait chamber further  
19 comprising a front member, a back member and a pair of side  
members, the bait chamber being open at its top.

21 25. The trap as described in claim 24, wherein the trip mechanism  
further includes a weighted portion.

23 26. The trap as described in claim 25, wherein the lift knob is  
sized to be slidably received, and can be slidably received, in the  
25 second notch.

27 27. The trap as described in claim 26, wherein the trap is  
manufactured from one or more materials selected from the group

1 consisting of plastic, metal, steel, stainless steel, wire and mesh  
and combinations thereof.

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1     28. A trap comprising:

      a trap body,

3             the body including a bottom member, a top member, a front  
member and a back member, a wall joining the members;

5             the front member comprising:

      -a top and a notch, the notch being at the front member top,

7       -the front member further comprising an opening therethrough,  
the opening being closed by a trap door; and

9       -a second notch, the second notch being contiguous with the  
opening;

11            the top member having at least one aperture therethrough, the  
first aperture being proximate to the notch, and a second aperture  
13   being positioned towards the back member;

      the trap door being slidably retained between the front member  
15   and the body by a spacer, the trap door further including an  
elongated slot therethrough, and a lift knob;

17            the front member further comprising a support bar, the support  
bar positioned between the trap door and the body;

19            the wall further comprising a slot, the slot proximate the  
front member, the slot being sized to receive and receiving the  
21   support bar therein;

      a bait holder comprising:

23            a pair of support brackets, the support brackets attached  
to the top member on opposite sides of the second  
25   aperture;

      a boss, the boss being pivotably retained between the  
27   support brackets by a pivot pin received therethrough;

      a back member including a trip mechanism receiving means  
29   near the boss, and a second pivot pin, the trip mechanism

1 receiving means further comprising a pair of walls, each  
wall having an opening therethrough;

3 the bait holder being pivotably attached to the top  
member and extending within the body; and

5 a trip mechanism, comprising a rod having a first end received  
in the trip mechanism receiving means, the second pivot pin  
7 pivotably retaining the trip mechanism between the walls;  
the trip mechanism further comprising a prop, the prop attached to  
9 the rod, the prop being sized to fit within the notch and thereby  
supporting the trap door, and the rod second end being received  
11 through the elongated slot.

13 29. The trap as described in claim 28, wherein the trap further  
comprises a means for retaining the trip means, and wherein the  
means for retaining the trip means is a loop attached to the trap  
15 body top member, between the bait chamber and the trap door.

17 30. The trap as described in claim 29, wherein the bait holder  
further comprises a bait chamber, the bait chamber further  
comprising a front member, a back member and a pair of side  
19 members, the bait chamber being open at its top.

21 31. The trap as described in claim 28, wherein the trip mechanism  
further includes a weighted portion.

23 32. The trap as described in claim 31, wherein the lift knob is  
sized to be slidably received, and can be slidably received, in the  
second notch.

25 33. The trap as described in claim 32, wherein the trap is  
manufactured from one or more materials selected from the group  
27 consisting of plastic, metal, steel, stainless steel, wire and mesh  
and combinations thereof.